

## Lincoln Defined USA Destructive Forces

### Nation Can Be Destroyed Within

Abraham Lincoln, whose birthday is observed by a grateful nation next week, once said, "If destruction be our lot, we must ourselves be its author." In all probability Lincoln was telling the people then that they must not let any outside force destroy this nation.

Today the Great Emancipator's words have more significance than they ever had before. A very sinister force is using any and every method to destroy. With the use of lies, broken promises, subversion, subterfuge, espionage, sabotage, infiltration, as well as dupes and traitors among our own people, the ultimate goal of world enslavement moves nearer attainment. As proof, Cuba stands in this very hemisphere. There is much more proof than this. Look at Eastern Europe, Southeast Asia, China and now Africa. South American countries are also prime targets of this unscrupulous force. The overthrow of the United States of America, is, of course, the ultimate goal.

The strength of the nation is the bulwark between accomplishment of the purpose of Communism and the continuation of a democratic form of government with its freedoms, liberties and institutions. Each individual who has information, written or oral, affecting the national defense must do his part in this struggle by applying every means available to protect the information entrusted to him.

Security or annihilation is basically the individual's choice. Which shall it be?

## Portsmouth Employees Give 338 Pints Of Blood

A total of 338 pints of blood was collected at the American Red Cross's recent campaign at the Atomic Energy Commission's Portsmouth Gaseous Diffusion Plant.

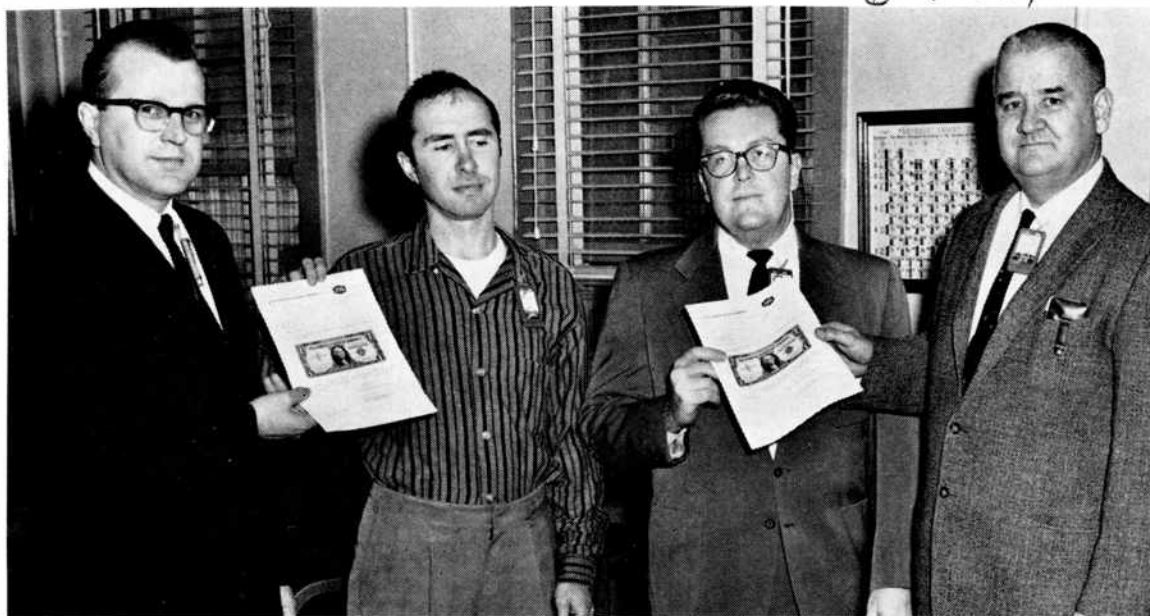
The collection was a combination of donations from the Good-year Atomic Corporation employees, as well as the AEC staff members at Portsmouth. The donations were prorated through the four counties in the plant vicinity.

## 'The Quality Of Mercy Is Not Strained' Here

Sign observed nailed to a tree in a fenced-in area near Lake-wood, N. J. "No Trespassing. Violators will be prosecuted to the fullest extent of the law.—Sisters of Mercy."

## SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
38 Days Or  
1,151,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling  
Injury  
Through February 4  
Phone 7755  
For Daily Report  
On Accident-Free Hours



FOR THEIR JOINT PATENT APPLICATION Ralph Levey and John Gregory received \$1 award letters. At left presenting Ralph his letter is Y-12 Plant Superintendent Robert G. Jordan, and at right, W. K. Whitson, Development superintendent, presents John with his "honor" letter. The joint effort was entitled, "Method for Preparation of Spherical  $UO_4$ ."

## Funeral Held Friday For Fred M. Pugh

### Mississippi Native 16 Year Y-12 Veteran

The plant was saddened by the sudden death of Fred M. Pugh, General Machine Shop. He died at his home, 601 Michigan Ave., Oak Ridge, early Wednesday morning, January 31.

A native of Itawamba County, Mississippi, Mr. Pugh came to Y-12 March 27, 1945. He was a member of Masonic Lodge No. 690, Free and Accepted Masons, Red Bay, Ala., and was very interested in fishing and boating.



Fred Pugh

He is survived by his wife, Mrs. Naoma Pugh; three daughters, Rebecca and Janice at home; Jolene, a student at Tennessee Polytechnic Institute, Cookeville; two sons, Frank Martin and Mike; two brothers, Dow Pugh, Chicago, and Roy Pugh, New Richmond, Mich.; two sisters, Mrs. M. S. Garrett, Wallace, Idaho, and Mrs. Clyde Brewer, Red Bay, Ala.

Funeral services were held at 2 p.m., Friday, February 2, in the chapel of Martin's Funeral Home, the Reverend Edward Galloway officiating. Burial was in the Oak Ridge Memorial Park.

Active pallbearers included fellow-workers Floyd Ludwig, Richard Hawk, James D. Lovin, Willard Crawley, William D. Newman, and Bob Lowery. The entire plant expresses its deepest sympathy to the surviving family.

## ORNL's Satchler Holds Physics Division Seminar

Oak Ridge National Laboratory Physics Division announces its Friday seminar, "Inelastic Scattering of Alpha Particles." Leading the seminar will be G. R. Satchler, from ORNL's Physics Division.

The meeting will be held Friday, February 9, at 3:15 p.m. in the East Auditorium of ORNL's 4500 building, and is open to all interested technical personnel.



ACCEPTING HIS \$1 PATENT APPLICATION letter is Daniel H. Palkowski, center. The presentation was made in Y-12 Plant Superintendent Jordan's office last week. Supt. Jordan makes the presentation at left, as H. G. P. Snyder, a superintendent in the Technical Division looks on from the right. Palkowski's development was a joint effort also, with R. E. Melton, Oak Ridge Gaseous Diffusion Plant.

## Clinch River's Waste Not A Hazard — AEC

A recent study has shown that radioactivity waste deposited in the Clinch River nearby is not a hazard, the United States Atomic Energy Commission has announced.

Discussing a study of radioactivity waste in the river from near Oak Ridge to the stream's mouth, about 20 miles below, the AEC said it is estimated that from 1943 to 1960 the radioactivity deposited in the river totaled approximately 1,670 curies. "Since the radioactivity is dispersed over the bottom of Clinch River it is not considered to present a hazard," the AEC said in its annual report to Congress.

## Union Carbide Declares 90¢ Dividend For Quarter

The Board of Directors of Union Carbide Corporation has declared a quarterly dividend of ninety cents (90¢) per share on outstanding capital stock to stockholders of record February 9, 1962. The dividend is payable March 2, 1962.

The last quarterly dividend was also for ninety cents (90¢) per share paid December 1, 1961.

## Larson Addresses TSJC's Tonight

The Technical Societies' Joint Council will meet tonight, Wednesday, February 7, at Jefferson



Junior High School auditorium. Dr. Clarence E. Larson, vice president of Union Carbide Nuclear Company and general manager of Oak Ridge operations, will be the featured speaker. His subject will be "A Case History of Modern Industrial Development."

A former plant superintendent in Y-12, Larson was also director of Oak Ridge National Laboratory. His association with Y-12 goes back to the early days in 1943 when he was head of the technical staff. He later became director of research and development here in Y-12.

Until his recent appointment to the Oak Ridge position, Larson was vice-president in charge of research for National Carbon Company, another division of Union Carbide.

## More \$1 Awards Go To Y-12ers For US Patents

### Ralph Levey Takes Seventh Application For Patent Award

Three additional Y-12ers have been added to the growing list of recipients of patent application awards. They are John F. Gregory, Jr., Ralph P. Levey, Jr., and Daniel H. Palkowski. Gregory is in Chemistry Development; Levey is in Chemical Engineering Development; and Palkowski is in Production Inspection in the Technical Division.

The Levey-Gregory development was a joint effort entitled: "Method for Preparation of Spherical  $UO_4$ ." Palkowski's effort was also a joint experiment with R. E. Melton, Oak Ridge Gaseous Diffusion Plant. The process was performed at ORGDP and is entitled: "Automatic Tube Rolling and Leak Testing Machine."

John F. Gregory is a native of Barnesville, Georgia. He came to Y-12 August 21, 1950, and holds a BS degree in Chemistry from the University of Chattanooga. A veteran of the United States Navy, Gregory resides with his family at 101 Tabor Road, Oak Ridge.

This makes the seventh time Ralph Levey has been awarded a \$1 patent application letter. He is a native of New Orleans, and holds a degree in chemical engineering from Tulane University. Levey came to Oak Ridge in 1944 at the ORGDP installation, and transferred to Y-12 August 25, 1950. He served with the United States Army from 1944 until 1946, and lives with his family at 354 East Drive, Oak Ridge.

### Development Classified

A native of Springfield, Mass., Daniel H. Palkowski came to the ORGDP February 18, 1952. He transferred to Y-12 May 1, 1961. His patent development is described as classified. The Patent Office did give some interesting facts concerning the application. It was 70 pages long, consisting of 20 pages of computations and figures. Palkowski holds a degree in Mechanical Engineering from the University of Massachusetts, Amherst, Mass. He served in the United States Air Force from 1941 until 1946, and lives at 108 West Lincoln Road, Oak Ridge.

The Levey-Gregory development pertains to a continuous process for forming Spheroidal  $UO_4$  from uranyl nitrate solution. Basically, the process comprises a series of steps wherein discrete crystals of  $UO_4$  are formed, grown, and filtered under controlled conditions of reagent concentration, acidity, and temperature. The product  $UO_4$  comprises loosely held colonies of  $UO_4$  crystals which may be readily converted to spheroidal  $UO_2$  if desired.

### Received \$1

All three men received a dollar with their letters, signed by C. E. Larson, UCNC vice president. This amount is the stipulated sum for a Patent Assignment to the United States of America by Union Carbide Nuclear Company.



# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
UNION CARBIDE  
NUCLEAR COMPANY  
Division of



UNION CARBIDE CORPORATION

JAMES A. YOUNG Editor

## OFFICE

Post Office Box Y  
Oak Ridge, Tenn.  
Bldg. 9704-2 Room 149  
Telephone 7109



## WEDDINGS



Mr. and Mrs. Danny C. Palmer

### PALMER-SMITH

The January 3 wedding of Miss Barbara Sue Smith to Mr. Danny C. Palmer is announced by her parents, Mr. and Mrs. Howard L. Smith, Clinton. The wedding took place in Blairsville, Ga.

The bride's father is in Y-12's Beta Four Assembly and Forming Department.

Parents of the groom are Mr. and Mrs. E. C. Palmer, 105 Tomlinson Rd., Oak Ridge.

The bride is a 1961 graduate from Clinton High School, and the groom graduated from Oak Ridge High School the same year.

The couple will make their home at Norfolk, Va., where the groom is stationed with the United States Navy.

## Chorus Presents Modern Concert

The Oak Ridge Chorus will present their second concert of the season Saturday, February 10 at 8:15 p.m. in the Oak Ridge High School Auditorium. The chorus, under the direction of Franklin Choset, has chosen as the major work Igor Stravinsky's "Les Noces" ("The Wedding"). This unusual work is a cantata for mixed chorus, four soloists, four pianos, and six percussion instruments. The Stravinsky work conveys the excitement of the occasion, the earthy humor, the ill-hidden tenderness of the relatives, the heady atmosphere of celebration and ritual feasting.

The other work, not often heard in this section, will be the "Psalm Cantata" by Menachem Avidom, one of the leading contemporary composers of Israeli. Also on the program will be "Adoramus Te, Christe" by Palestrina and four songs by the Madrigal Singers under the direction of Frances Parker.

Tickets may be obtained from any chorus member or at the box office on the night of the performance.



A man we know returned from his vacation recently, then asked his boss for some time off to get married. "But you just had two weeks off," protested the boss, "Why didn't you get married then?"

"And ruin my whole vacation?" was the quick response.

Let's see what response we get by giggling reporters in the various ends of Y-12, first in—

### INDUSTRIAL RELATIONS

Welcome back into the Fire and Guard Departments to **W. G. Hatfield**, **K. T. Teague**, **D. H. Patterson**, **D. E. Bailey** and **Capt. H. L. Dickenson**. Also get well wishes are rushed to **J. T. Byrum** and **H. G. Hoskins**. Mr. Hoskins is in the Pineville Community Hospital, Pineville, Ky.

Wage Standards rolls out the welcome mat for **Janet Wende**.

**Art Hines**, Benefit Plans, tried to make it to work with influenza, finally gave up. Good wishes to him.

The Cafeteria has **Verna Peckman** hit with the bug... and best wishes to **Vena Mae Summitt** who underwent surgery recently... Also to **Tommy Goss**, ill with measles and influenza!

Draft notices are sorter like women — nobody complains about them until he gets one of his own.

### MECHANICAL OPERATIONS

The General Machine Shop is extending deepest sympathies to the **Lester Love** family whose grandfather died recently in Illinois... Also to **L. R. and L. A. Shular**, whose grandmother passed away recently... **W. L. Strange's** father died February 1, and deepest sympathy to him also... **J. R. Murph's** father passed away last week. He was also the father-in-law of **W. S. Helms**, and the department's condolences to both families.

### TECHNICAL

Statistical Services welcomes in newcomer **Robert P. Lucke**.



Phillip E. Roberts

And here's the pride and joy at the **Eddie Roberts** household. Little **Phillip Edmond**, of course, was born January 9, at Rockwood. Lively little one, isn't he? Edmond is Eddie's name, too, but nobody would know him by that tag. Eddie's in Radiation Safety.

### MAINTENANCE



Paige Huddleston

Now here's a fine little girl in the person of **Paige Huddleston**, born January 8, on her grandfather **Huddleston's** birthday. She

tipped the scales at seven pounds and two ounces. Paige is the daughter of Mr. and Mrs. Ray Huddleston. Her maternal grandparents are Mr. and Mrs. **A. E. Stone**. This grandfather is in Research Services, and is mighty proud of his granddaughter down in Marianna, Fla.

Electrical wires in that **W. S. Arnold** and **F. Darby** are enjoying a week's vacation... Get well wishes are sent to **C. E. Phillips**, **W. F. Smith**, **W. H. Pool**, **N. L. Derryberry**, and **Bill Cobb**, all off work with various aches and pains. The welcome mat is out for **C. W. Davidson**, in from the ORGDP installation.



William O. Hall

And in this blue corner we have **William Oakley Hall**, weighing eight pounds, 14 ounces who made his first appearance December 30, 1961. His manager for years to come is **W. E. Hall, Jr.**, in Electrical, and they make a fine father and son team. Like all other little fighters, he will probably come out on top in every match.



Alan L. Johnson

And the last baby-of-the-week, we promise. Little **Alan Lawrence Johnson** is the fine son of **Capt. and Mrs. Forrest G. Johnson**, United States Air Force. He put down on the runway at the Air Force Hospital in Dover, Del., December 8, 1961. His maternal grandfather is **H. C. Giles**, Area Five Maintenance. Mrs. Johnson is the former **Amy Giles**. Alan is two and a half weeks old here.

Any man who is filthy rich will always find a woman willing to take him to the cleaners.

### ENGINEERING

Mechanical Engineering sent news in last week, but somehow got lost in the shuffle. Mostly it was influenza cases, such as **Fran Willie**, **Doris Thomas**, **H. E. Neeley**, **John Hill**, **Grover Bell**, **Bill Brown**, **Lynn York**, and **Fred Jefferson**. A big welcome to **Jim Gary**, and also to **Don Stinnett** back from a stint with Uncle Sam. He celebrated his return by purchasing a beautiful new red car!

Currently the ME's are telling that **Dick Spears** is the latest 'flu victim... A fond adieu to **Morris Clark**, who took up residence

## Engineering's Greene Named Man-Of-Year

### Blount Countain Is Honored By Jaycees

Another Y-12er has been honored by being named Outstanding Young Man Of The Year. **Romeo F. Greene**, Industrial Engineering, has been named such by the Maryville-Alcoa Jaycees, which cover Blount County. In a banquet held Monday, January 29, Greene was presented his distinguished service plaque for community service performed in 1961.

The young engineer lives at 2910 McNutt Ave., Maryville. He was nominated for this honor by Home Avenue Sunday School. Some of his accomplishments include the assistance with the youth program and other activities of Home Avenue Chapel, and as a member of the Board of Directors of the Home Avenue Sunnybrook Community Council.



R. F. Greene

Greene has served as leader of a Boy Scout troop, served as superintendent of the Sunday School, and had time to coach an older boys' basketball team for the Boys' Club.

The Y-12 employee is married to the former **Thelma Jackson**. The Greens have two small daughters, **Ramona** and **Kathy**. A graduate of the Chicago Technical College, Greene also attended Maryville College and Hiwassee College, Madisonville, Tenn. He has also had graduate work at the Chicago extension of the University of Illinois.

A veteran of the United States Army, Greene is a member of the New Providence Presbyterian Church, Maryville.

in Huntsville, Ala... Numerical Control rolls out the welcome mat to **L. B. Seals**, transferred from another department.

**W. R. Hensley** wants to thank all the people for their kindness, especially for the blood donations for his son **Wally's** heart surgery. The operation was a success and the Hensleys hoped to bring him home this past week-end.

The Divisional talk all over the grounds, of course, is about the Big Dance coming up February 21 (see story elsewhere in this Bulletin).

Know what a guest towel is? It's what guests stand in front of and look at while they wait for the air to dry their hands.

### FINANCE AND MATERIALS

After a couple of weeks of "no news" F&M comes along with **Dot Park**, Plant Records, off ill. Best wishes to her.

Sincere sympathy is extended to the family of **Robert Worthington**, Timekeeping, on the recent death of Mrs. Worthington's mother... Best wishes for a speedy recovery are sent to **Roy Hale**, home ill.

Microreproduction and Engineering Services pipes in that **T. R. Gadson** vacationed last week, destination unknown.

Another good one passed along last week concerns the drunk returning home early one morning after a night out on the town. A minister, on an early-morning call, offered to help him to the door. At the door, the drunk asked the minister to come in, but the cleric begged off because it was such an early hour.

"Pleash, Revren, jusht for a schechunt," said the drunk, "I want my wife to shee who I've been out with all night."

Report security discrepancies immediately.



Miss Elizabeth Ann Sewell

### SEWELL-COUCH

Mr. and Mrs. **John Sewell**, 103 Robin Lane, Oak Ridge, announce the engagement of their daughter, **Miss Elizabeth Ann Sewell**, to **Joseph Ervin Couch**. The future bride's father is in Y-12's Machine Maintenance. She also has a brother, **John J. Sewell**, Z Area and Dispatching. He lives at 403 West Outer Drive.

Miss Sewell's fiancé is a graduate of the University of Tennessee, and is presently a staff announcer at radio station WATO. He majored in speech and psychology at UT, and starred in several Carousels production in Knoxville. While in school he was program director for the student station WUOT. His parents are Mr. and Mrs. **Doyle R. Couch**, 107 Powell Road, Oak Ridge.

The bride-to-be graduated from Oak Ridge High School and is a secretary at the Oak Ridge Gaseous Diffusion Plant. She is active in the Civil Air Patrol, serving as the CAP's local public information officer.

The wedding is planned for April 21, and will take place at St. Mary's Catholic Church, Oak Ridge.

## Y-12ers Celebrating 15, 10 Year Anniversaries

Congratulations to the following Y-12ers who will observe 15 and 10-year anniversaries with Carbide within the next few days.

### 15 YEARS

**Ray Gregory**, Alpha Five Machine Shop, February 9.

### 10 YEARS

**Billy R. Disney**, Process Maintenance, February 7.

**Arthur James Hines**, Insurance, February 8.

**Talmadge C. Hudson**, Stores, February 9.

**Mary Moore Lay**, Production Control, February 9.

**Willie P. Crouse**, Plant Records, February 11.

**Russell P. Smith, Jr.**, Product Processing, February 11.

**William M. Farr, Jr.**, Stores, February 11.

## Atomic Age Ushers In New Weight Terms

Scientists are using terms such as the megaton and the microgram to measure weight in the atomic age. The megaton is one million metric tons, or 2,240,600,000 pounds. The microgram is one millionth part of a metric gram, which figures out as .00000003527 of an ounce.



# Deadline Nears For Y-12's Bowling Tournament Set For February 24-25

## Secretaries Have Entry Applications

The deadline for entering the Y-12 Annual Bowling Tournament is announced as Friday, February 9. No entries may be accepted after 4:30 p.m. of that date. All league secretaries have the entry forms.

The cost of entering is \$2.50 per person per event, broken down as follows: \$1.15 prize fee and \$1.35 line fee. All prize money will be distributed in accordance with ABC and WIBC requirements.

Any employee in the Y-12 Plant, bowling in a sanctioned league, who has rolled 12 games between August 1, 1961, and last Friday, February 2, is eligible to participate in the tournament. Set February 24, 25

The tournament will be held the week-end of February 24 and 25, at the Oak Terrace Lanes, Oak Ridge. All teams and mixed doubles will roll Saturday, February 24; and singles and doubles Sunday, February 25.

Handicaps will be established by taking 70% of the difference of each entrant's highest league average and 200. League averages will be computed for games rolled before last Friday.

## Teams Roll In Order

Teams must bowl their members in the order listed on the entry blanks. All substitutes must present themselves to the tournament secretary at least 30 minutes before the scheduled bowling time to be certified.

Alley men are again reminded that the deadline for entering this year's annual tournament is this Friday, February 9.

# Basketball Men See Little Play

## Only One Game Played Last Week

The Carbide Basketball League saw little action, league-wide, last week as a conflict resulted at one of the gymnasiums. One game was played for the second half of the league, however. The mighty Lab Demons, Oak Ridge Gaseous Diffusion Plant's pride in the league, clipped Y-12's Kingston Five to the tune of 38 to 27. The losing Five saw Baker score nine, Eastwood eight, and Captain Bethel Poston seven. For the winning team Bill Slattery scored nine, Bennie Crass eight, and Bob Graham and Jim McCall each scored seven.

Two games were forfeited in the first half of the league schedule as the Y-12 Hoopniks took one over B Shift, the ORGDP Peons gained one by forfeit over B Shift.

An interesting sidelight in basketball took place as the Y-12 Atoms were literally trounced in a non-league game by a team that did not organize in time to be scheduled in the league. The Rockwood quintet took the Atoms 59 to 29, displaying mighty fancy work on the hardwood. Jones and Carney led the maverick team on the board with 26 and 16 respectively. Jim George led the Atoms with 10.

Incomplete first half standings:

Team	W	L
Atoms	6	1
Peons	6	1
Lab Demons	5	1
American Eagles	3	3
Jay Birds	2	4
Hoopniks	2	4
Kingston Five	1	4
B Shift	0	7

Second half standings follow:

Team	W	L
Lab Demons	4	0
Atoms	3	0
American Eagles	3	1
Peons	1	1
Kingston Five	1	3
Hoopniks	0	2
B Shift	0	1
Jay Birds	0	3

# Y-12's 22-Men Outfire ORNL Top Rifleers

Y-12's team in the 22-Calibre Rifle League clipped the Oak Ridge National Laboratory rifle men in both scratch and handicap firings, thus gaining two full points on the league-leading ORNL team. Jack Huff fired an amazing 287 scratch score; Bert Searles followed with a 282. High handicap firings were listed by Carl Brewster with 291.320.

The Independents took two easy scores from the Oak Ridge Gaseous Diffusion Plant's team via forfeit.

Y-12 men stand now only two points removed from the top berth.

League standings follow:

Team	W	L
ORNL	16	5
Y-12	14	7
Independents	12	9
ORGDP	0	21

# Rollmasters Victors Over Sandbaggers

Last week saw the Rollmasters, Y-12's only team in the Wednesday 5:45 League, take three points from the Sandbaggers. This keeps them about mid-way from the top in league standings.

High games of the night were rolled by C. E. Mathis, Woodpeckers, who threw a 206 scratch game; and V. O. Maggart, Pirates, who tossed a 242 handicap game. The Cast Offs took high team handicap game with a 1054, and the Lab Demons took high series handicap honors with 3055.

League standings follow:

Team	W	L
Head Pins	55	33
Planners	54½	33½
Sandbaggers	50	38
Mix-Ups	49	39
Cast-Offs	48½	39½
Rollmasters (Y-12)	48	40
Wallops	43½	44½
Lab Demons	41	47
Pirates	39	49
Woodpeckers	38½	49½
Wacos	31	47
Rookies	30	58

# G'Snipes Fall Hard In Kingston

## ORGDP Alley Cads Scoop Four Points

Y-12's team, the Guttersnipes, in the Kingston Bowling League for Carbidors, dropped four full points, losing their uneasy hold on the first place in league standing. The Alley Cads took the 'Snipes and took first place by doing so. The high game of the week was rolled by Emerson Henck, Guttersnipes, as he posted a 205 scratch game on the alleys.

The Could B's took three from the Head Pins; the Sparemen and Rookies split scores with two each.

League standings follow:

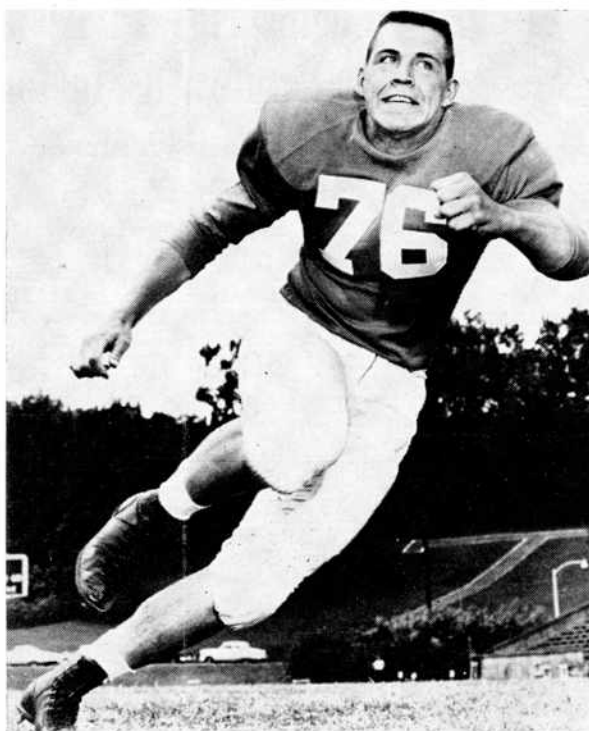
Team	W	L
Alley Cads	12	4
Head Pins	10	6
Guttersnipes (Y-12)	9	7
Rookies	9	7
Sparemen	4	12
Could B's	4	12

# Final Payment Should Have Proper Signature

A bank received the final payment on an auto loan, accompanied by a note. It said:

Dear Sirs—

This should make us even. Sincerely, but no longer yours.



WHAT HAPPENS WHEN DYNAMITE MEETS cold steel? It looks like we're about to find out in this picture as brothers Larry Richards, left, and Bobby, seem about to collide. Actually Larry is an outstanding guard at the University of Tennessee, and Bobby is likewise at Louisiana State University. The brothers fortunately did not have to play each other during their varsity days at school. Bobby finishes at LSU this year, and has already signed a contract with the Philadelphia Eagles. Larry has another year to go on The Hill. Their father, Hugh Richards, is in Y-12's General Machine Shop.

# Y-12 Teams Win 3 In D League

## Last Half League Play Now Underway

Both Y-12 teams in the D League for Carbide bowlers got started in the second half with a bang last week, each taking three points from opponents. An interesting sidenote on last week's play was that the league divided into three groups . . . the first four, the second four, and the last four teams. The Dry Hides won from the ORINS bowlers; and the Rodders took the Alley Rams for three.

High series handicap scores were taken by the Rodders with 2922. No team took the full four points in the closely fought battles.

New league standings follow:

Team	W	L
Dry Hides (Y-12)	3	1
Rodders (Y-12)	3	1
Sh-Booms	3	1
Pin Heads	3	1
Gassers	2	2
Beryls	2	2
Termites	2	2
Hephex	2	2
Alley Rams	1	3
ORINS	1	3
Kemix	1	3
Guttersnipes	1	3

# Non-Game Fish Go In Melton Hill

Biologists of the Tennessee Game and Fish Commission as well as the Tennessee Valley Authority agree on the necessity of the removal of rough fish from the proposed Melton Hill Lake.

Melton Hill is a future fishing facility of promise, and authorities plan to get the jump on the undesirable fish species. Netting and seining will be employed. A search is on presently for suitable areas that can be cleared of obstructions that would interfere with nets and seines.

Population samples of the present stream have revealed that about 95 per cent of the fish are redhorse, shad, drum, buffalo, carp and suckers.

Largemouth and smallmouth bass are plentiful in streams tributary to the Clinch River. If the rough fish are controlled, these desirable species will come into the main stream and will greatly increase the sport fishing potential.

## VICI, VIDI, VICTI

It's no wonder Caesar's armies did not conquer the world. They were given diluted vinegar often to quench their thirst.

# Loyalty For UT-LSU Is Split As Richards Has Sons On Both

## Larry, Outstanding Volunteer Guard, While Older Brother Sparks LSU Chinese Bandits

The last time the University of Tennessee and Louisiana State University collided, the Vols eked out a 14 to 13 win over the Chinese Bandits. That was in the 1959 season. For the sake of peace in the household of Hugh G. Richards, Y-12's General Machine Shop, they haven't played since. The reason for divided loyalty is that the Richards family has sons on both football squads.

Guard Larry Richards, a stand-out defense man on the Volunteer line, wears number 76 for the UT team. By strange coincidence Bobby wears the same number for the Bandits down in Baton Rouge. Both Richards lads, of course, played outstanding ball for the Oak Ridge Wildcats.

Vol coaches tag Larry, who is a junior at UT, strong, tough and hard to fool on defense . . . excellent blocker with plenty of speed. Coach Bob Woodruff, who directs the work of the guards and centers, says: "Larry is one of the best blockers on our football team. He is fast, has quick reactions and is strong enough to get the job done." The six-foot two, 190 pounder grabbed a Georgia Tech fumble on their 20-yard line in Knoxville last fall to bring the first blood in the game as he galloped for the initial touchdown.

Only 20, Larry is expected to strengthen Tennessee's line next season, his senior year.

## Eagles Sign Bob

The Philadelphia Eagles were quick to sign up Bob down in Baton Rouge after his successful career ended at LSU. Frank (Bucco) Kilroy, a scout for the National Football League champion Eagles, said that Bob was the best senior tackle in the nation.

The big six-two, 220-pound frame of Bob made the Bandits bad meat for any opponent this year. Hurling himself into the line, he managed to shake South Carolina up for two fumbles as his team routed the Gamecocks 42-0.

## Larry In Bowl Game

The all-star Bowl game, played in Washington, D. C.'s new stadium last month felt the effects of Larry's hard tackles.

Many polls gave the nation's number two slot to the LSU Bandits this year. The only defeat sustained during the season was the upset victory of Rice the first game of the season. Bob Richards made every game a standout performance.

The Richards family lives at 137 East Wadsworth Circle, Oak

# Y-12 Eagles Win In Volleyball

## ORNL Old Men 2 Game Victims

The Y-12 Eagles moved up in the Carbide Volleyball League last week by taking the Oak Ridge National Laboratory Old Men for two games, and losing one . . . the victories were 15-8 and 15-11; the loss 15-12.

Other games saw the ORSORTs forfeit three to the Raiders. A Shift took three from Biology 15-1, 15-1, 15-4. The league leading Set-Ups took two from A Shift 15-0, 15-11 and lost one 15-8.

League standing follows:

Team	W	L
Set-Ups	11	1
A Shift	10	2
Eagles (Y-12)	6	6
Raiders	6	6
ORSORT	5	7
ORNL Old Men	4	8
Biology	0	12

# Gigging Defined As Hunting In State

The season of frog-gigging is almost here again. The Tennessee Game and Fish Commission defines the taking of bullfrogs as hunting. Firearms are prohibited for the taking of frogs in all Wildlife Management Areas. Daily bag limit is 10 and the possession limit is 20.

Ridge. When the boys are at home, you can bet they don't discuss tiddley-winks very much. Bobby was home recently, and commenting on Paul Dietzel's departure from LSU. It is his opinion that wherever Dietzel goes he will have a good team. The Richards have three other children, all daughters, Gail, Linda and Kathy.



BULK RATE  
U. S. Postage  
PAID  
Oak Ridge, Tenn.  
Permit No. 71

UNION CARBIDE  
NUCLEAR COMPANY  
Division of  
Union Carbide Corporation  
Post Office Box Y  
Oak Ridge, Tenn.  
RETURN POSTAGE GUARANTEED

POSTMASTER: DO NOT FORWARD. IF ADDRESSEE HAS MOVED,  
RETURN TO SENDER IMMEDIATELY.

## Carbide Consumer Ups Glover, Warnell To Vice - Presidencies

Two divisional appointments have been announced by Arthur C. Bryan, president of Union Carbide Consumer Products Company, a division of Union Carbide Corporation. J. F. Warnell has been appointed a vice president and administrative assistant to the president. Also R. Leigh Glover was named vice president—technology.

Warnell joined Union Carbide in 1933 on the sales staff of National Carbon Company, and served in various capacities in the sales organization before becoming sales manager of consumer products in 1958. He has been vice president in charge of sales of the Consumer Products Company since 1960 and before that was general sales manager. He is a graduate of Emory University, Atlanta, Ga., where he received his degree of BBA in 1930.

Glover also joined Union Carbide at the National Carbon Company plant in Toronto, in 1935. He has held a number of management positions with the company, including that of plant manager in Toronto and assistant director of research in Cleveland. He moved to the New York office in 1956 as assistant to the vice president and general manager of the company. An alumnus of the University of Toronto, he has been general manager in charge of technology for the Consumer Company since 1959.

Principal products of Union Carbide Consumer Products Company are Prestone anti-freeze and car care products, Eveready batteries and flashlights, and "6-12" insect repellent. Industrial products of Carbide include chemicals, plastics, metals, industrial gases, and carbon products.



J. F. Warnell



R. Leigh Glover



Get well wishes are sent the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

Edward L. Armstrong, General Machine Shop; William E. Davis, Area Five Maintenance; John T. Parker, Z Area and Dispatching; Glenwood L. Davis, Engineering Mechanics; Kenneth J. Pluhar, Mechanical Engineering; Albert T. Jinks, James C. Terry, Tool Department; Claud J. Cumbie, Research Services; John R. Baker, Production Assay; William J. Foley, Research Services; Julian H. Williams, Special Mechanical Production; Willie F. Ragsdale, General Machine Shop; Othel W. Breedlove, Machine Maintenance.

## Grouse Only Open Season In State

The only open season left in the state of Tennessee is the grouse season. This closes February 15.

Experts in noting the closing of the hunting season recommend that guns be cleaned and oiled and properly stored in a horizontal position. This will keep the shooting iron in good condition for the next open season.

## Engineering Division To Salute Washington

### Big Dance Planned For February 21

The Engineering Division is saluting the Father of our Country with a big dance, planned for Wednesday, February 21. The event is scheduled to begin at 9 p.m. at the Oak Ridge Country Club. Considered the "patron saint" of the engineering profession, George Washington was himself an engineer in his youth. This is one of the reasons for the dance; another one, and perhaps the main one, is that the group just likes to get together for fun.

Tickets are on sale throughout the division, and may be obtained from any one of the following ticket committeemen: Gene Barnes, V. C. Barnes, Tudor Boyd, Clarice Cagle, Bill Fleischman, George Ford, Dorothy "Bill" Grizzell, Peggy Hardin, Mildred Lister, Veronica "Ronnie" Stenglein, Jim Turner, or Joyce Williamson.

John Zullie and his orchestra are slated to play for the big party. Food galore is offered to attendants and is being supervised by Lenora Fleischman. Tudor Boyd is handling the hall and the band activities; Lettie Ault is in charge of secretarial work and the publicity; and bookkeeping is handled by Bill Fleischman. On the decorating committee are Gene Barnes, Bill Fleischman, Peggy Hardin, Doris Thomas, Jim Turner, Nadine Steele, and Willie Steele.

Only a limited number of tickets are available and "engineers" urge everyone planning to attend to purchase a ticket soon.



Ride wanted or will join car pool from Broadway at Fairmont (North Knoxville), to East Portal, G Shift. H. A. Tobe, plant phone 7-8298, home phone Knoxville 687-5060.

Ride wanted or will join car pool from Lincoln Park Section, Knoxville, to Central Portal, straight day. A. S. Preston, plant phone 7-8318, home phone Knoxville 687-4524.

Ride wanted from Tabor Road, Oak Ridge, to West Portal, J Shift. W. H. White, plant phone 7608, home phone Oak Ridge 483-3770.

Will join car pool from West Acres Drive (Morrell Road—Westland Drive), West Knoxville, to North Portal, straight day. Jerry Westbrook, plant phone 7768, home phone Knoxville 584-1689.

Will join car pool from Cumberland Estates to East Portal, straight day. Charles Whitmarsh, plant phone 7362, home phone Knoxville 588-6383.

Car pool member wanted from Norris to East, North or Central Portal, straight day. Herb Reynolds, plant phone 7213, home phone Norris 7681.

Ride wanted from Powell at Sharp's Road vicinity to West Portal, straight day. W. A. Kramer, plant phone 7515.

## Leave On Time — To Get There O.K.

One way a motorist can push his luck is not to take enough time to get places. Speeding, taking unnecessary chances can be often likened to poor planning — not allowing sufficient time to get to one's destination. When you are rushed or try to cover too many miles at one time — that's when an accident can easily occur.

## Lincoln Met Defeat More Often Than Victory At Nation's Polls

Next Monday, the nation observes the birthdate of one of its most illustrious sons . . . Abraham Lincoln. Emerson said of Lincoln . . . "who was at home and welcome with the humblest, and with a spirit and practical vein in the times of terror that commanded the admiration of the wisest. His heart was as great as the world, but there was no room in it to hold the memory of a wrong."



To show how much heart the man had, listen to his record:

Failed in business in 1831.  
Elected to Legislature in 1834.  
Sweetheart died in 1835.  
Had nervous breakdown in 1836.  
Defeated for Speaker in 1838.  
Defeated for Elector in 1840.  
Defeated for Land Officer in 1843.  
Defeated for Congress in 1843.  
Elected to Congress in 1846.  
Defeated for Congress in 1848.  
Defeated for Senate in 1855.  
Defeated for Vice-President in 1856.

Defeated for Senate in 1858.  
Yet despair and defeat never got the best of him. He rose above losses to enjoy greatness few people know. Here are some of his words left behind as a legacy: "Those who deny freedom to others deserve it not for themselves and under a just God, cannot long retain it."

"Be sure you put your feet in the right place, then stand firm."

"I like to see a man proud of the place in which he lives; and so live that the place will be proud of him."

"I can see how it might be possible for a man to look down upon earth and be an atheist. But I cannot conceive how a man could look up into heaven and say there is no God."

"Let us have faith that right makes might; and in that faith let us to the end, dare to do our duty as we understand it."

"I have endured a great deal of ridicule without much malice; and have received a great deal of kindness, not quite free from ridicule."

"If you once forfeit the confidence of your fellow citizens, you can never regain their respect and esteem. It is true that you may fool all the people some of the time; you can even fool some of the people all the time; but you can't fool all of the people all of the time."

"I do not know what my grandfather was; I am more concerned to know what his grandson will be."

## Actor Hans Conried In Oak Ridge Sunday

As a special added attraction, the Oak Ridge Playhouse will present Hans Conried in a program Sunday, February 11, at the Oak Ridge High School. The program will begin at 8 p.m. Tickets are available in advance from Mrs. David Alford.

The actor is a veteran of more than 100 movies. Although he is most active now on television, he got his start on the legitimate stage, and has done thousands of roles on the radio. He is currently playing the voice of Snidely Whiplash on the Bullwinkle Cartoon show. Tickets will be on sale at the Oak Ridge High School Sunday beginning at 7 p.m. for this special event.

## THE TALL MAN

The tallest man ever recorded by medical science grew to be eight feet, 11 inches tall. He died at the age of 22. Man may be following in the path of the dinosaur. It is undeniable that the human race is getting taller, and tallness has an adverse effect on longevity.

Is your entry in for the Safety Poster Contest?

## Data Processing Topic At Accountants' Meet

The Knoxville - Oak Ridge Chapter of the National Association of Accountants will hold their monthly dinner meeting Tuesday February 20, at the Dwarf Restaurant, on the Clinton Highway.

Feature speaker will be Ira Hayes, Special Representative of the National Cash Register Company, Dayton, Ohio. He will speak on "Data Processing."

There is no holiday for security.



"Be careful, may be a trap."

HAVE AN  
**HONEST**  
TO GOODNESS GOOD TIME  
AT THE  
**Y-12 ENGINEERING  
GEORGE WASHINGTON  
DANCE**  
FEB. 21st. 9pm. til 1am.  
OAK RIDGE COUNTRY CLUB  
MUSIC BY JOHN ZULLIE'S EIGHT PIECE ORCHESTRA  
ADMISSION TWO GEORGES EACH